

# Microinjector with Grounding Conduction Channel

## Abstract

A microinjector comprises a chamber for containing fluid, an orifice in fluid communication with the chamber, the orifice being disposed above the chamber, an actuator disposed proximately adjacent the orifice and external to the chamber for ejecting fluid from the chamber, a metal layer disposed above the chamber, and a conduction channel connected between the metal layer and ground, for preventing parasitic capacitance.